

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4265	257/758.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:32
L2	526	257/767.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:34
L3	863	438/623.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:34
L4	957	438/633.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:40
L5	10562	257/751,758,759,762,775,e21.259,e21.273,e23.167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:41
L7	5865	438/207,622,623,633,638.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:41
L8	1648	(5 7) and (zeolite or silicalite or ((por\$3 mesopor\$3) adj2 (\$2oxide dielectric insulat\$3 material)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:53
L9	214	8 and ("CDO" or (carb\$3 near3 \$2oxide)) same (combinat\$3 or composit\$3 mix\$4 compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:47
L10	986	257/e21.581.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:47
L11	540	((zeolite or silicalite or ((por\$3 mesopor\$3) adj2 (\$2oxide dielectric insulat\$3 material))) and ((("CDO" or (carb\$3 near3 \$2oxide)) same (combinat\$3 or composit\$3 mix\$4 compound))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:55
L12	231	11 and (solven\$3 solution liquid).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:55
L13	61	12 and ((solven\$3 solution liquid) with (remov\$3 dry\$3 evaporaz\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:56
S1	410	(zeolite with solvent) and ((carb\$3 near2 \$2oxide) or "CDO")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56

## EAST Search History

S2	403	S1 and (water or organic)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S3	184	S2 and (underly\$4 or underlayer or interly\$3 or interlayer or intercon\$3t or undercon\$3t or ((under or inter) adj (layer or con\$3t)) or film or layer or plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S4	110	S3 and (spin\$3 or coat\$3 or dip\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S5	2	S4 and ("CVD" or (chemecal\$3 near2 vapor\$3 near2 deposit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S6	96	S4 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 14:25
S7	92	S6 and (remov\$3 or dry\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S8	30	S7 and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S9	25	S8 and (zeolite and (carb\$3 near2 \$2oxide\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S10	13	S9 and (zeolite with (carb\$3 near2 \$2oxide\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S11	11	(S7 not S10) and (zeolite with (carb\$3 near2 \$2oxide\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S12	83	(S1 not (S10 S11)) and (zeolite with ("CDO" or (carb\$4 near2 (\$3oxide\$3))))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S13	75	S12 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S14	2	S13 and (dielectric or insulat\$3 or interlayer or interdielectric or (inter adj (layer or insulat\$3 or dielectric)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56

## EAST Search History

S15	33	(zeolite with solvent) with ((carb\$3 near2 \$3oxide) or "CDO")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S16	69	(zeolite with solvent) and ((carb\$3 near2 \$3oxide) or "CDO") and (insulat\$4 or dielectric or interlayer or interdielectric or (inter adj (layer or dielectric or insulat\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S17	57	S16 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 19:56
S18	33	S17 and ("k" or (dielectric near2 constant))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:00
S19	2	(US-20050107242-\$).did. or (US-6503294-\$).did.	US-PGPUB; USPAT	OR	ON	2006/01/21 20:00
S20	118	(low adj ("k" or (dielectric near2 constant))) and (zeolite and ((carb\$3 near2 \$3oxide) or "CDO"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:16
S21	20	S20 and ((low adj ("k" or (dielectric near2 constant))) and (zeolite with ((carb\$3 near2 \$3oxide) or "CDO")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:19
S22	18	S21 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:39
S23	737	(zeolite or mesoporous) near3 ((carb\$3 adj3 \$4oxide\$3) or "ODC")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:18
S24	718	(zeolite) near3 ((carb\$3 adj3 \$4oxide\$3) or "ODC")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:45
S27	2	S24 and (low adj ("k" or (dielectric near2 constant)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:21
S28	7	S23 and (low adj ("k" or (dielectric near2 constant)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:29
S29	89	S23 and ((\$5dielectric or insulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:29
S30	82	S29 not (S9 S18 S5 S10 S11 S14 S15 S19 S21 S22 S27 S28)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:38

## EAST Search History

S31	11	S30 and (zeolite with carb\$4 with composit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:34
S32	7	(S30 not S31) and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:35
S33	3	(S30 not (S31 S32)) and (silic\$4 near3 ("CDO" or (carb\$4 near3 \$3oxide\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:36
S34	3	(S30 not (S31 S32)) and (silic\$4 near3 ("CDO" or (carb\$4 with \$3oxide\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:37
S35	96	S20 not (S9 S18 S5 S10 S11 S14 S15 S19 S21 S22 S27 S28 S31 S32 S33 S34)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:47
S36	93	S35 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:01
S37	489	(zeolite) near2 ((carb\$3 adj3 \$4oxide\$3) or "ODC")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:04
S38	437	((zeolite) with ((carb\$3 adj3 \$4oxide\$3) or "ODC")).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:29
S40	422	S38 not (S9 S18 S5 S10 S11 S14 S15 S19 S21 S22 S27 S28 S31 S32 S33 S34)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:00
S41	20	S40 and (\$5dielectric or insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:47
S42	20	S41 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 20:48
S43	460	S37 not (S9 S18 S5 S10 S11 S14 S15 S19 S21 S22 S27 S28 S31 S32 S33 S34 S36 S41)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:28
S44	422	S43 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:01

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S45	35	S44 not (absorb\$4 or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:59
S46	30	((mesoporous or porous) adj2 silica\$4) near3 ((carb\$3 adj3 \$4oxide\$3) or "ODC")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:12
S48	14	((zeolite or mesoporous) near3 ("CDO" or (carb\$4 near3 \$3oxide)) near3 composite)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:20
S49	141	(low adj dielectric adj material) and (silica or \$5porous) and ("CDO" or (carb\$3 near3 \$3oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:21
S50	135	S49 not (S9 S18 S5 S10 S11 S14 S15 S19 S21 S22 S27 S28 S31 S32 S33 S34 S36 S41 S45 S46 S48)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:34
S51	21	(zeolite near3 ((carb\$3 adj3 \$4oxide\$3) or "ODC")) near3 (film or layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:30
S52	10	S50 and zeolite	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 21:46
S54	8	"1382896"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 22:05
S55	0	zeolite adj base\$3 adj (carb\$3 near3 \$3oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 22:08
S56	0	zeolite adj base\$3 adj ((carb\$3 near3 \$3oxide) or "CDO")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 22:08
S57	11	zeolite near2 base\$3 near2 ((carb\$3 near3 \$3oxide) or "CDO")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/21 22:08
S58	5	((zeolite or (\$5porous near2 silica\$4)) with ((carb\$3 adj3 \$3oxide) or "CDO")) with ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or (inter adj (dielectric or insulat\$3 or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:20
S59	13	((zeolite or (\$5porous near2 silica\$4)) same ((carb\$3 adj3 \$3oxide) or "CDO")) same ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or (inter adj (dielectric or insulat\$3 or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 14:01

## EAST Search History

S60	8	S59 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 13:58
S61	214	((zeolite or (\$5porous near4 silica\$4)) same ((carb\$3 adj3 \$3oxide) or "CDO") same ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or dielectric or insulat\$3 (inter adj (dielectric or insula(\$3 or layer))))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 14:06
S62	201	(S61 not S59)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 14:25
S63	132	S62 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:20
S64	36	(dual\$3phase or doubl\$3phase or tripl\$3phase or plural\$3phase or multi\$4phase or ((dual\$3 or double or triple or plural\$4 or multi\$3) near phase)) with ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or (inter adj (dielectric or insulat\$3 or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 14:58
S65	3523	(dual\$3phase or doubl\$3phase or tripl\$3phase or plural\$3phase or multi\$4phase or ((dual\$3 or double or triple or plural\$4 or multi\$3) near (layer or phaseor plate))) with ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or (inter adj (dielectric or insulat\$3 or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 15:00
S66	205	S65 and (zeolite or silica\$4 or mesoporous) and ("CDO" or (carb\$4 near3 \$3oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 15:07
S67	44	S66 and (zeolite or silica\$4 or mesoporous) same ("CDO" or (carb\$4 near3 \$3oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:16
S68	38	S67 and (@rlad<"20031117" or @ad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 15:32
S69	9971	(zeolite or silica\$4 or mesoporous) same ("CDO" or (carb\$4 near3 \$3oxide)) same (combinat\$3 or composit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/02/14 16:00
S70	170	S69 and (@rlad<"20031117" or @ad<"20031117") and ((interlayer adj (dielectric or insulat\$3)) or "ILD" or interdielectric or interinsulat\$3 or interlayer or (inter adj (dielectric or insulat\$3 or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:22
S71	162	S70 not (S58 S59 S64 S67 S68 S63)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:29
S72	35	S71 and ((zeolite or silica\$4 or mesoporous) with ("CDO" or (carb\$4 near3 \$3oxide)) with (combinat\$3 or composit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/22 16:31

## EAST Search History

S73	3325	(zeolite or silicalite or ((por\$3 mesopor\$3) adj2 (\$2oxide dielectric insulat\$3 material))) same ("CDO" or (carb\$3 near3 \$2oxide)) same (combinat\$3 or composit\$3 mix\$4 compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 21:42
S75	2479	S73 and (solvent soluti\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/14 16:07
S76	1805	S75 and ((remov\$3 separat\$3 disolv\$3 decompos\$3) same (solvent soluti\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/14 16:09
S77	1240	S76 and ((remov\$3 separat\$3 disolv\$3 decompos\$3) with (solvent soluti\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/14 16:09
S78	722	S77 and (@ad<"20031117" @rlad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/14 16:10
S79	15	S78 and (carbon near2 dop\$3 near2 \$2oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/14 16:19
S80	2	("6566278").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 16:19

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050107242"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:37
S2	1	"6573131"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:40
S3	1	"2002132468"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:39
S4	0	"2002/132468"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:39
S5	11	deng-hai.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:40
S6	8	liou-huey-chiang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:40
S7	15	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:40
S8	1	S7 and (zeolite and carbon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 12:41
S9	2	S7 and (zeolite)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 13:55
S10	60	(zeolite near2 ("CDO" or (carbon\$3 near2 \$2oxide))) and (dielectric or insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:46
S11	58	S10 and (solvent or organic or water or solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 15:20
S12	46	S11 and (spin\$4 or dip\$4 or chemical\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 15:21
S13	6	S12 and (dielectric or insulat\$3) and (\$4silicon near2 \$2oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 15:55

## EAST Search History

S14	40	S12 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 15:55
S15	10	S14 and (deposit\$3 and remov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 16:21
S16	7	("4402717") or ("4599321") or ("4612298") or ("5051385") or ("20020197645") or ("20030162650").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/17 16:23
S17	3	S16 and (zeolite with carb\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 16:33
S18	6	S16 and (zeolite and carb\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 17:18
S19	26	zeolite and (carb\$4 near2 dop\$3 near2 \$2oxide\$2) and (insulat\$4 or dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 17:33
S20	25	S19 not (S13 S15 S16 S17 S18)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:33
S21	24	S20 and (coat\$4 or dip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 17:35
S22	23	S21 and (underly\$4 or interlay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:34
S23	18	S22 and (dry\$4 or heat\$4 and ("CVD" or (chemical near2 vapor\$3 near2 deposit\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:35
S24	40	(zeolite near2 ("CDO" or (carbon\$3 near2 \$2oxide))) with composit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:59
S25	37	S24 not (S13 S15 S16 S17 S18 S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:58
S26	585	(zeolite near3 ("CDO" or (carb\$4 near2 \$2oxid\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:52

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S27	535	S26 not (S13 S15 S16 S17 S18 S23 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:59
S28	371	S27 and (remov\$4 and (coat\$4 or spin\$4 or dry\$4 or vacuum\$4 or dip\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:48
S29	7	S28 and ("CVD" or (chemical near2 vapor\$3 near2 deposit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:49
S30	15	(S28 not S29) and ((zeolite near3 ("CDO" or (carb\$4 near2 \$2oxid\$3))) near3 (film or layer or plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 18:53
S31	32	(zeolite near3 ("CDO" or (carb\$4 near2 \$2oxid\$3))) near3 (composit\$3 or layer or film or plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 19:01
S32	10	S31 not (S13 S15 S16 S17 S18 S23 S25 S29 S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/17 19:02
S33	1	(zeolite adj2 carb\$4 adj2 dop\$3 adj2 \$2oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 14:39
S34	6766	(zeolite or silic\$4) near2 (carb\$4 adj2 \$2oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 12:35
S35	6000	S34 and (substrate or wafer or film or base or plate or layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:08
S36	3721	S35 and (deposit\$4 or introduc\$4 or appl\$4) and (remov\$4 or dry\$4 or vacuum\$4) and (spin\$4 or coat\$4 or dip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:06
S37	3663	S36 and (form\$3 or creat\$3 or manufactur\$3) and (method or process)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 12:40
S38	13	(US-20020197645-\$ or US-20030162650-\$ or US-20040096593-\$ or US-20040249006-\$ or US-20050103744-\$ or US-20050107242-\$ or US-20050179140-\$ or US-20050272248-\$).did. or (US-4627972-\$ or US-4818518-\$ or US-5934085-\$ or US-6573131-\$ or US-6870270-\$).did.	US-PGPUB; USPAT	OR	ON	2006/01/18 13:36
S39	41	(S37 not S38) and "CDO" and (solvent or react\$4 or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 14:40

## EAST Search History

S40	28	S39 and ("CVD" or (chemical\$3 near vapor\$3 near deposition))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 13:38
S41	184	(zeolite near2 carb\$4 adj2 \$2oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 14:39
S42	121	(S41 not (S38 S40)) and composit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:04
S43	44	S42 and (deposit\$4 or introduc\$4 or appl\$4) and (remov\$4 or dry\$4 or vacuum\$4) and (spin\$4 or coat\$4 or dip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:07
S44	38	S43 and (@ad<"20031117" or @rlad<"20031117")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:08
S45	36	S44 and (substrate or wafer or film or base or plate or layer or board)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:10
S46	4	S45 and (zeolite near3 (solvent or solution))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/01/18 15:11
S47	8	("3972958"   "4119656"   "4125553"   "4136104"   "4157338"   "4172843"   "4218573"   "4246186").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:13
S48	3	("4444909").URPN:	USPAT	OR	ON	2006/01/18 15:14
S49	2	(S45 not (S46 S47 S48)) and (underly\$3 or underlay\$3 or underconnect\$3 or interconnect\$3 or undercontact\$3 or intercontact\$3)	USPAT	OR	ON	2006/01/18 15:23
S50	6	"6943121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 18:52
S51	8	("20020030297"   "20030004218"   "20030057414"   "20030151031"   "20040061229"   "4755559"   "6528409"   "6770537").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 19:04
S52	3307	(\$5zeolit\$3 with carbon with \$2oxide) and (remov\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:54
S53	5435	(\$5zeolit\$3 with carbon with \$2oxide\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 17:02

## EAST Search History

S54	17	S53 and (carbon near2 dop\$4 near2 \$3oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 15:56
S56	39	(\$5zeolit\$3 with ("CDO" or (carbon near3 dop\$4 near3 \$2oxide\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 17:00
S57	6	(("6528409" or ("6770537") or ("4755559")).PN. or ((2003/0057414) or (2004/0061229) or (2003/0004218) or (2002/0030297)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 17:02
S58	0	S57 and (\$5zeolit\$3 with carbon with \$2oxide\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 17:02
S59	0	S57 and (\$5poro\$3 with carbon with \$2oxide\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 17:03
S60	1	S57 and (\$5poro\$3 \$5zeolit\$4) and (carbon with \$2oxide\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/03 17:03